VUI

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import speech_recognition as sr
import pyttsx3
tasks = []
recognizer = sr.Recognizer()
engine = pyttsx3.init()
def add_task(task):
  tasks.append(task)
  engine.say(f"Task '{task}' added.")
  engine.runAndWait()
def view_tasks():
  if tasks:
     engine.say("Your tasks are:")
     for i, task in enumerate(tasks, start=1):
       engine.say(f"Task {i}: {task}")
  else:
     engine.say("No tasks to show.")
  engine.runAndWait()
def remove_task(task_number):
  if 0 < task_number <= len(tasks):
     removed_task = tasks.pop(task_number - 1)
     engine.say(f"Task '{removed_task}' removed.")
  else:
     engine.say("Invalid task number.")
  engine.runAndWait()
def recognize_speech():
  with sr.Microphone() as source:
     print("Listening...")
     audio = recognizer.listen(source)
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try:
       command = recognizer.recognize_google(audio)
       return command.lower()
    except sr.UnknownValueError:
       engine.say("Sorry, I did not understand that.")
       engine.runAndWait()
       return None
def main():
  while True:
    engine.say("Options: add task, view tasks, remove task, or exit.")
    engine.runAndWait()
    command = recognize_speech()
    if not command:
       continue
    if "add task" in command:
       engine.say("What is the task?")
       engine.runAndWait()
       task = recognize_speech()
       if task:
         add task(task)
    elif "view tasks" in command:
       view_tasks()
    elif "remove task" in command:
       engine.say("Which task number to remove?")
       engine.runAndWait()
       task_number = recognize_speech()
       if task_number and task_number.isdigit():
         remove_task(int(task_number))
    elif "exit" in command:
```